

[Name of Document]

ABSTRACT

[Abstract]

[Object] In a color filter substrate or a liquid crystal device, which is composed of a color filter and a transparent electrode layer formed thereon, the structure is provided which can reduce defects caused by an insulating film provided between the color filter and the transparent electrode layer.

[Solving Means] On a surface of a color filter composed of color layers 112 and a surface protective layer 113, an insulating film 114 composed of a transparent metal oxide is formed. The insulating film 114 is formed by depositing a metal oxide primarily composed of at least one of Ta_2O_5 , ZrO_2 , and TiO_2 on the color filter by a sputtering method or the like. On the surface of the insulating film 114, transparent electrodes 115 each having a predetermined pattern are formed.

[Selected Figure]

Fig. 1